AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method of clamping a rotationally symmetrical body for the purpose of machining, comprising:

pulling the body, with its first side, by ~~means of~~ a tensile force**[[,]]** ~~which acts in extension of~~ applied along the rotation axis of the body on the first side of the body, against a supporting element having a centering effect, wherein the supporting element is acted upon with a spring force which is opposed to the tensile force, the spring force is slightly smaller than the tensile force and is proportioned in such a way that, when the body strikes the supporting element, the supporting element first of all yields in the axial direction; and

clamping the body while the tensile force pulls the body,

wherein the body is centered by a centering device which is arranged radially outward of said supporting element.

2. (Previously Presented) The method as claimed in claim 1, wherein the tensile force is transmitted to the body by means of a tie rod, which is connected to the body by means of a quick-action coupling.

3. (Previously Presented) The method as claimed in claim 2, wherein the tie rod is guided with radial clearance axially and concentrically to the rotation axis of the rotationally symmetrical body.

4. (Previously Presented) The method as claimed in claim 1, wherein the body, with a centering region which is arranged at an axial distance from the first side of the body and is oriented in the same direction as the first side, is pulled against the centering device.

5. (Previously Presented) The method as claimed in claim 1, wherein spring force, tensile force and configuration of supporting element are selected in accordance with the body to be clamped.

6. (Previously Presented) The method as claimed in claim 1, wherein, when a rotor is clamped as a rotationally symmetrical body which has integrally formed moving blades, the centering device is selected which has centering surfaces engaging between the moving blades in a finger-like manner.

7. (Currently Amended) A device for clamping a rotationally symmetrical body for the purpose of machining, comprising a tie rod which is mounted in the device in such a way that it can ~~act on~~ pull the body, to be clamped during clamping, ~~axially and concentrically to~~ by a tensile force applied along the rotation axis of the ~~latter~~ body and is axially guided with radial clearance for the axial pulling movement, **[[**a**]]** the tensile force of the tie rod being adjustable, and having a supporting

element, against which the rotationally symmetrical body to be clamped can be pulled by means of the tie rod, wherein the supporting element is supported in a spring-loaded manner on a stop of the device in such a way that it is movable in the axial direction of the body to be clamped, the spring force counteracting the tensile force and being adjustable, wherein a centering device for centering the body to be clamped is provided radially outward of said supporting element.

8. (Previously Presented) The device as claimed in claim 7, wherein the tie rod is provided with a coupling device which can be connected to a coupling unit of the body to be clamped and is designed as the one half of a quick-action coupling.

9. (Previously Presented) The device as claimed in claim 7, wherein the supporting element is provided with supporting surfaces which are arranged concentrically to the rotation axis of the body to be clamped and which are inclined toward the rotation axis and/or are contiguous along a defined circumference and form an annular supporting surface.

10. (Previously Presented) The device according to claim 7, wherein the centering device is provided at an axial distance from the supporting element, the centering device being provided with centering surfaces which are arranged concentrically to the rotation axis of the body to be clamped and are inclined toward the rotation axis.

11. (Previously Presented) The device as claimed in claim 10, wherein the centering surfaces are distributed uniformly over the circumference and extend in a finger-like manner toward the rotation axis from a defined outer circumference up to a defined inner circumference and/or are contiguous in particular along a defined circumference and form an annular centering surface.

12. (Previously Presented) The method as claimed in claim 1, wherein the body to be clamped is a rotor having a hub formed on the first side including moving blades integrally formed on the hub, wherein the hub projects beyond the moving blades.

13. (Previously Presented) The device according to claim 7, wherein the body to be clamped is a rotor having a hub formed on the first side including moving blades integrally formed on the hub, wherein the hub projects beyond the moving blades.

14. (Previously Presented) The method as claimed in claim 1, wherein the centering device is disk-shaped.

15. (Previously Presented) The device according to claim 7, wherein the centering device is disk-shaped.

16. (Previously Presented) The method as claimed in claim 1, wherein the supporting element is supported in a spring-loaded manner on a stop, and the centering device is immovably fixed to the stop.

17. (Previously Presented) The device according to claim 7, wherein the centering device is immovably fixed to the stop.